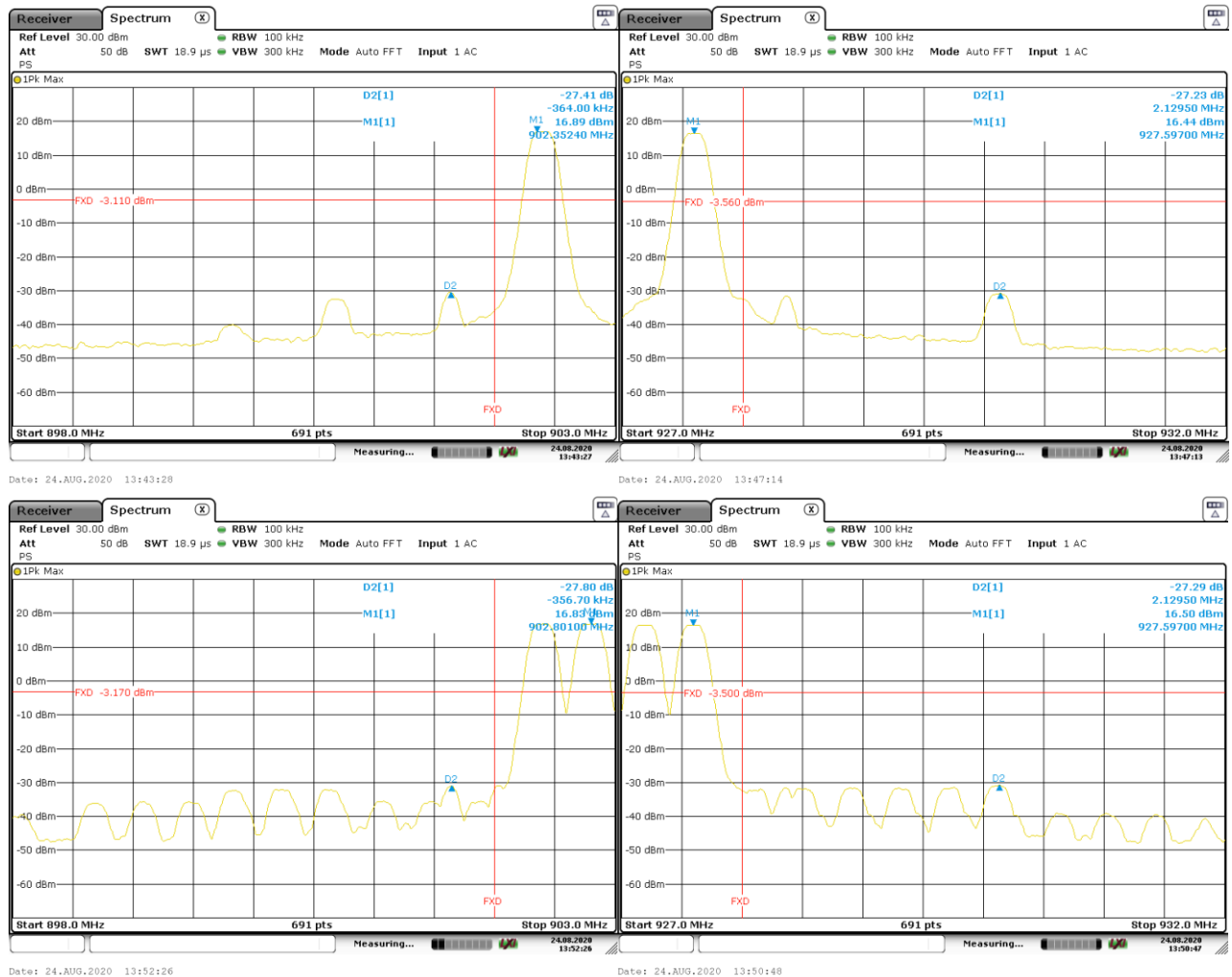
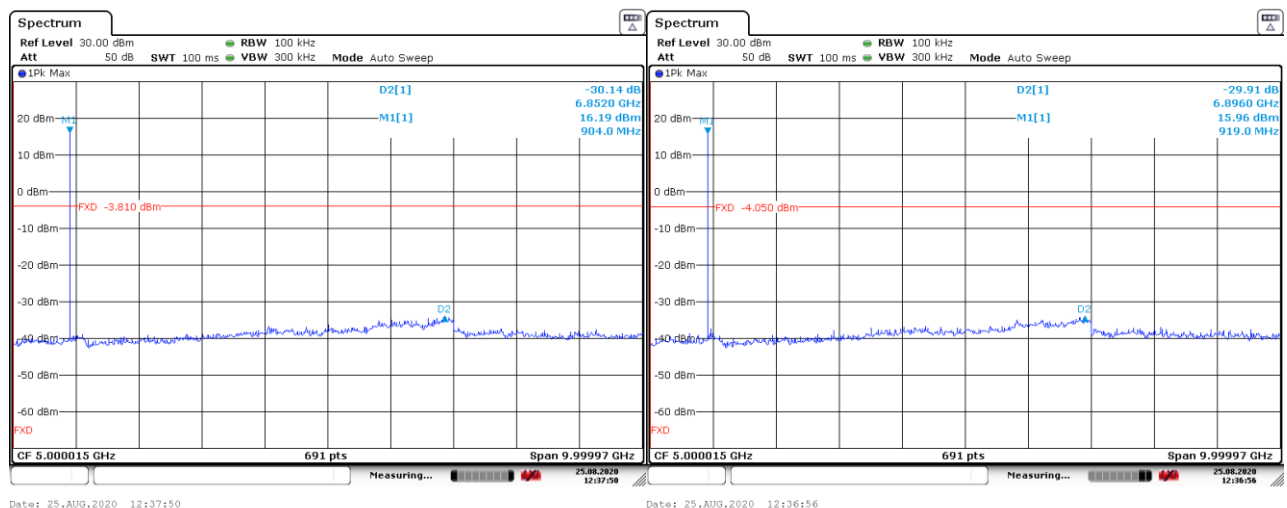


Band edge



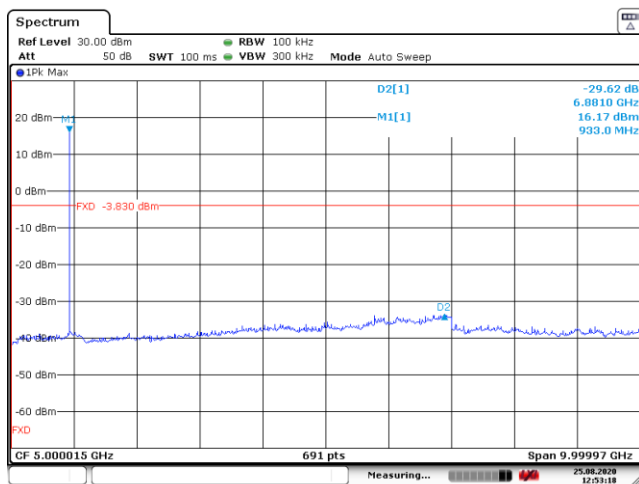
5. FSK 50Kbps FHSS, Conducted Spurious Emission and Band edge, 902.2MHz~927.8MHz

Conducted Spurious Emission



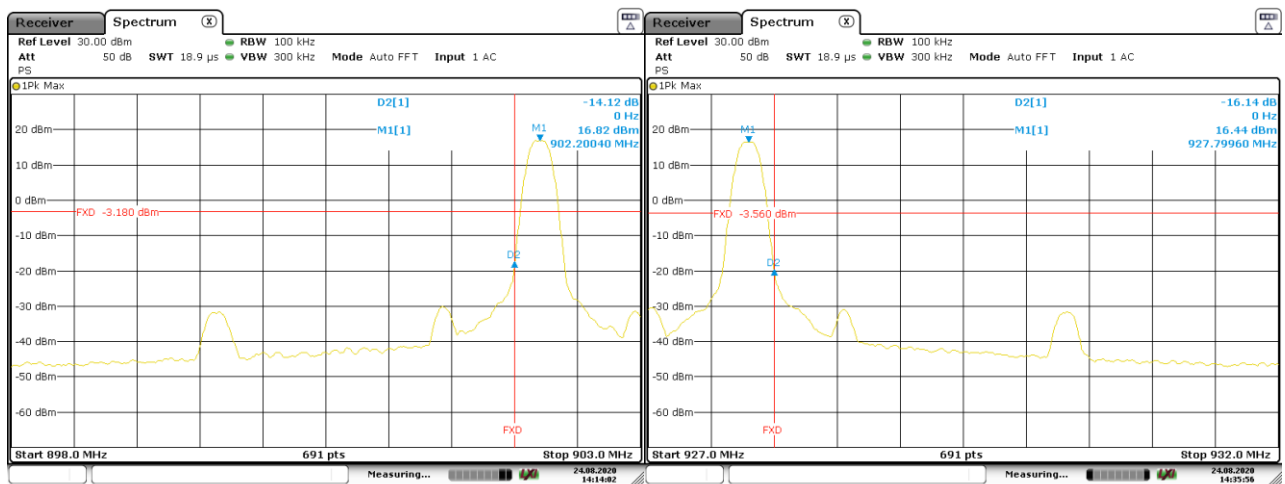
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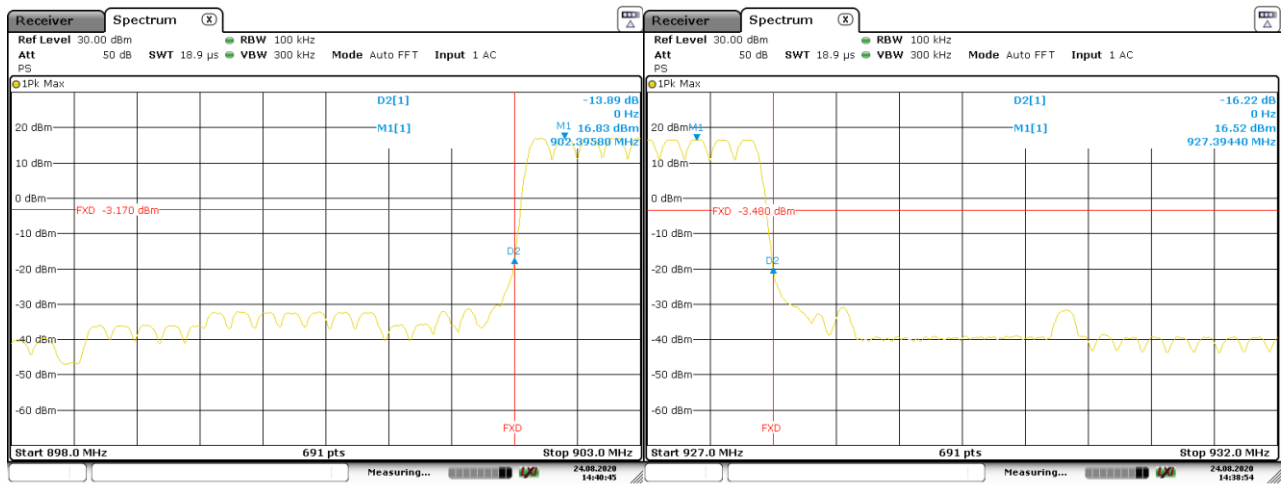
Date: 25.AUG.2020 12:53:19

Band edge



Date: 24.AUG.2020 14:14:03

Date: 24.AUG.2020 14:35:57



Date: 24.AUG.2020 14:40:46

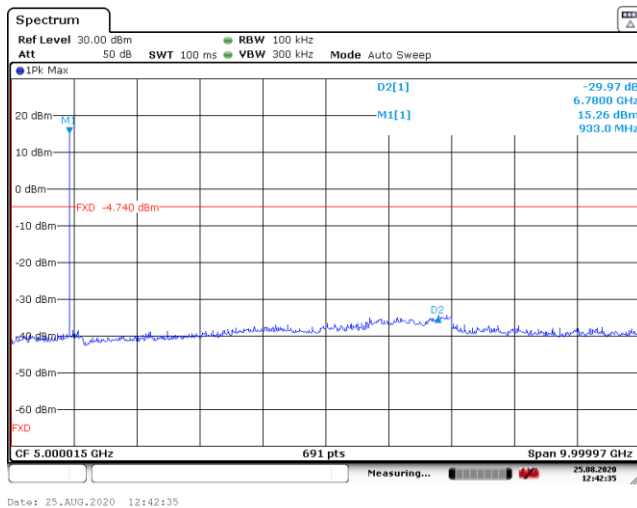
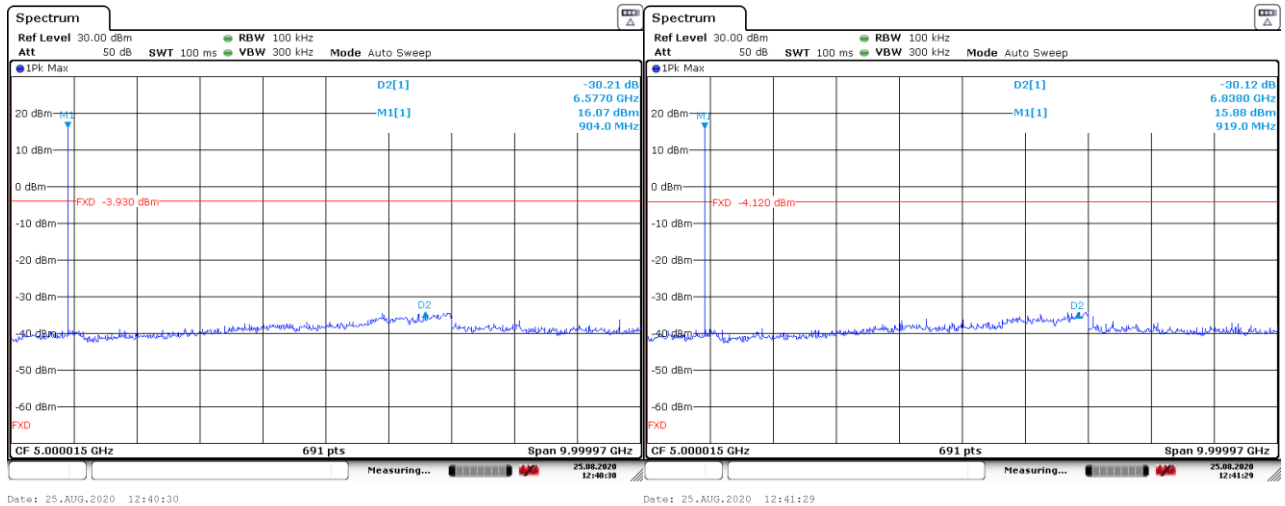
Date: 24.AUG.2020 14:38:54

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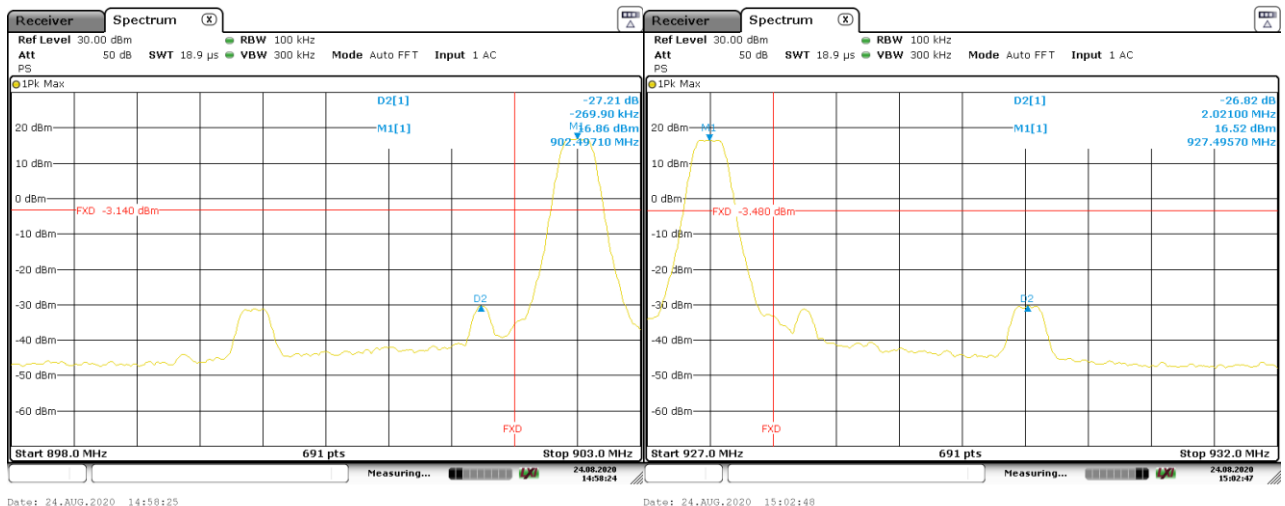
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6. FSK 250Kbps FHSS, Conducted Spurious Emission and Band edge, 902.5MHz~927.5MHz

Conducted Spurious Emission

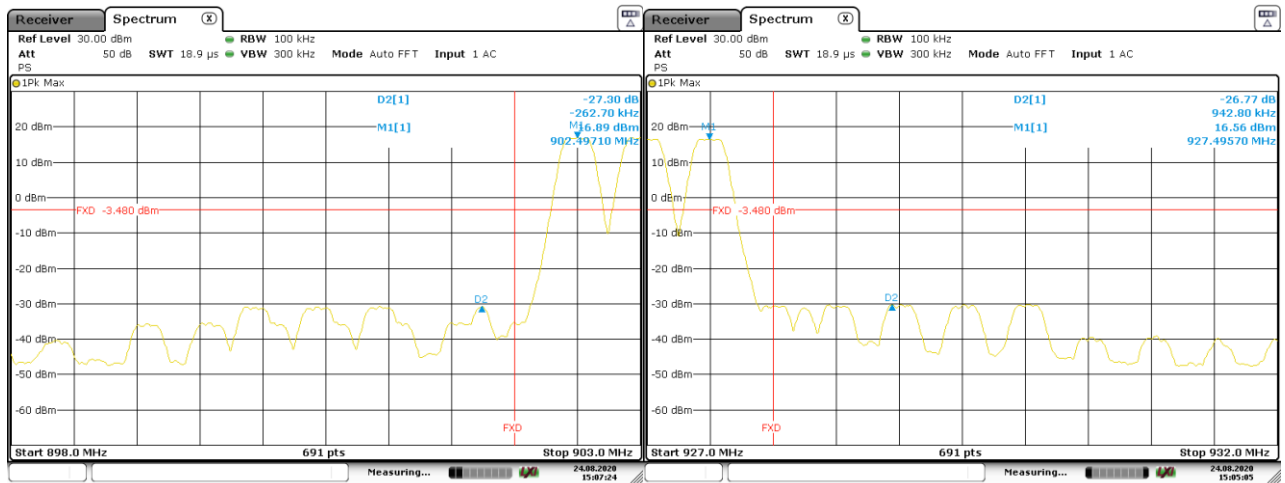


Band edge



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4.1.8 Carrier Separation Measurement

Result:

Pass

Test Specification

Test standard : FCC Part 15.247(a)(1)
RSS-247 Issue 2 February 2017 Clause 5.1(b)

Basic standard : ANSI C63.10: 2013, clause 7.8.2

Limits : At least 20 dB bandwidth or 25kHz, whichever is greater.

Kind of test site : Shielded Room

Test Setup

Date of testing : 2020.08.24

Input voltage : DC 6V

Operational mode : Mode B

Temperature : 22°C

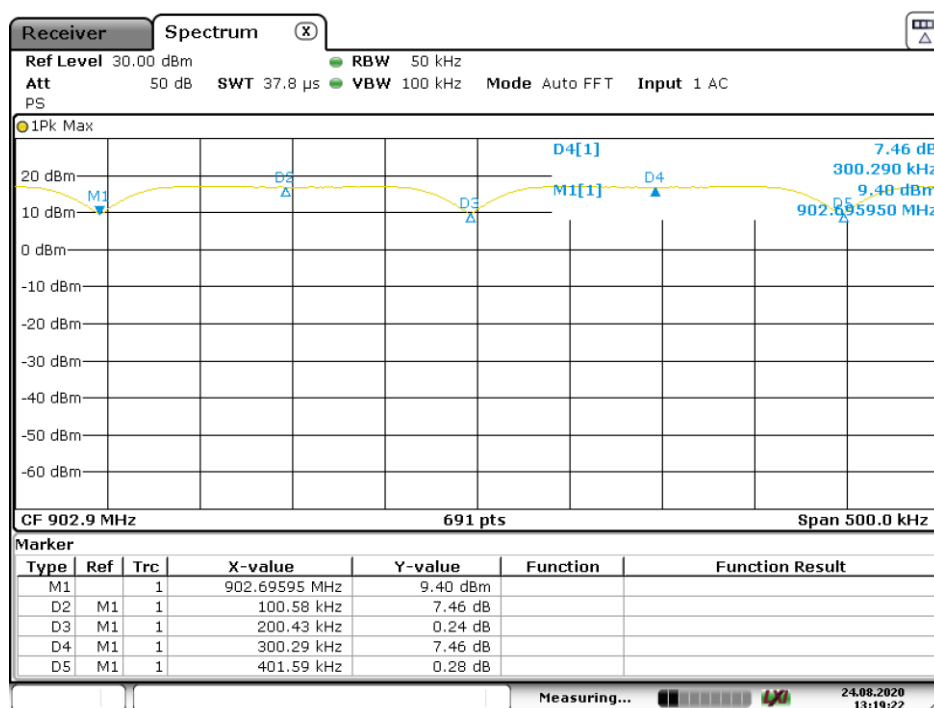
Relative humidity : 55%

Atmospheric pressure : 101 kPa

Figure 6: Carrier Separation

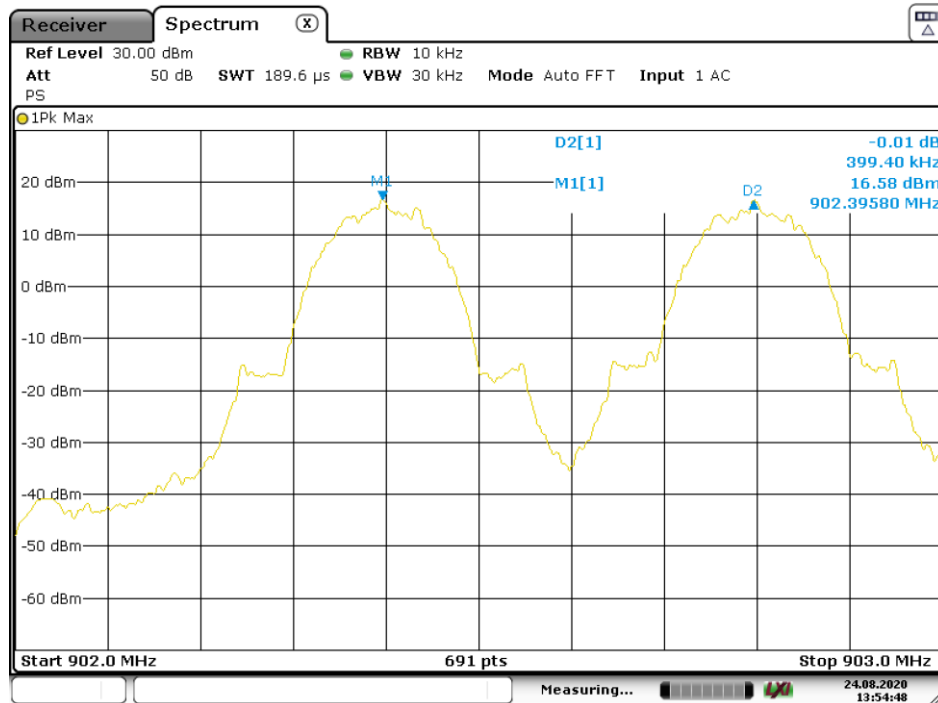
- LoRa125kHz FHSS, Carrier Separation, 902.2MHz~927.8MHz

Carrier Separation: 199.71kHz



2. FSK 150Kbps FHSS, Carrier Separation, 902.4MHz~927.6MHz

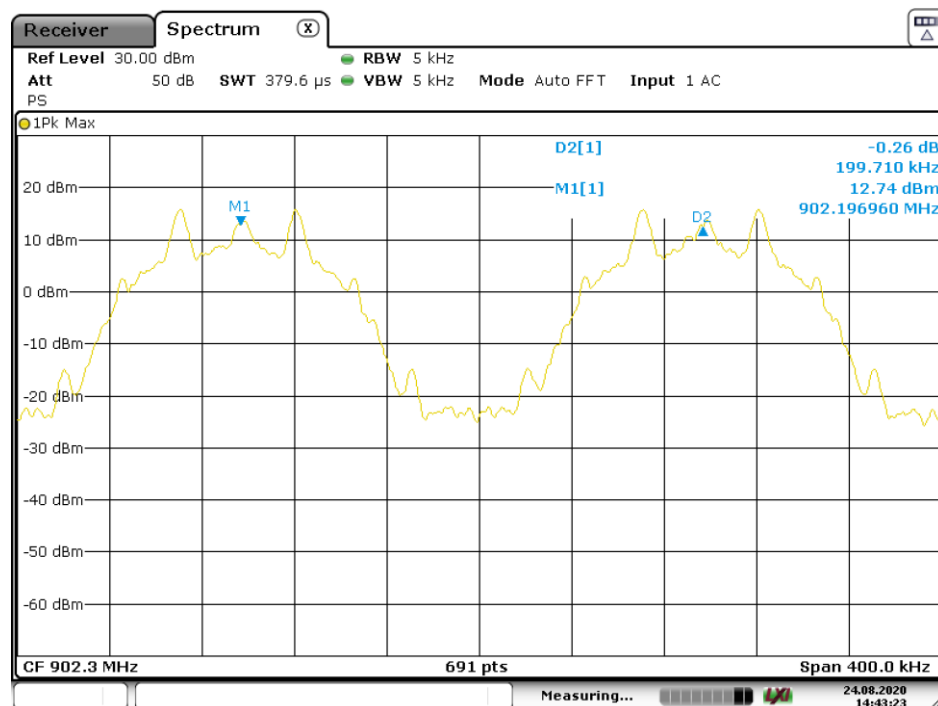
Carrier Separation: 399.40kHz



Date: 24.AUG.2020 13:54:49

3. FSK 50Kbps FHSS, Carrier Separation, 902.2MHz~927.8MHz

Carrier Separation: 199.71kHz



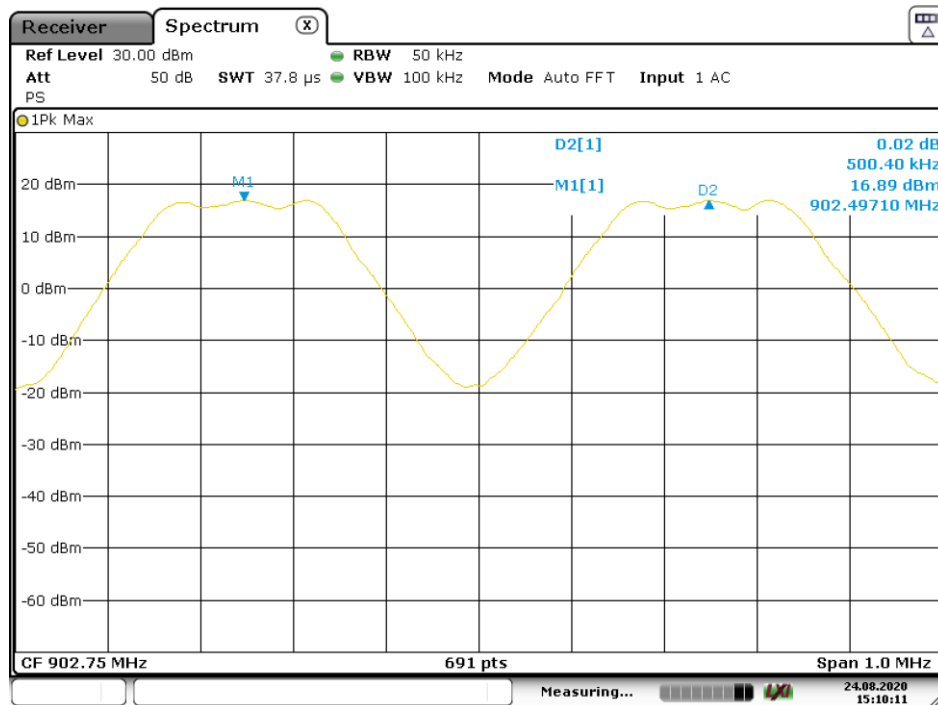
Date: 24.AUG.2020 14:43:24

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4. FSK 250Kbps FHSS, Carrier Separation, 902.5MHz~927.5MHz

Carrier Separation: 500.40kHz



Date: 24.AUG.2020 15:10:11

4.1.9 The number of hopping channels

Result:

Pass

Test Specification

Test standard : FCC Part 15.247(a)(1)(i)
RSS-247 Issue 2 February 2017 Clause 5.1(c)

Basic standard : ANSI C63.10: 2013, clause 7.8.3

Limits : At least 50 for 20dB bandwidth less than 250kHz
At least 25 for 20dB bandwidth at least 250kHz

Kind of test site : Shielded Room

Test Setup

Date of testing : 2020.08.24

Input voltage : DC 6V

Operational mode : Mode B

Temperature : 22°C

Relative humidity : 55%

Atmospheric pressure : 101 kPa

Table 7: Test result of hopping channel number for LoRa FHSS and FSK FHSS

Modulation Type and Operation band	20dB Bandwidth(kHz)	Channel Number	Limit	Result
LoRa 125kHz FHSS 902.2MHz~927.8MHz	20dB Bandwidth < 250	129	50	Pass
FSK 150Kbps FHSS 902.4MHz~927.6MHz	20dB Bandwidth < 250	64	50	Pass
FSK 50Kbps FHSS 902.2MHz~927.8MHz	20dB Bandwidth < 250	129	50	Pass
FSK 250Kbps FHSS 902.5MHz~927.5MHz	250 ≤ 20dB Bandwidth < 500	51	25	Pass

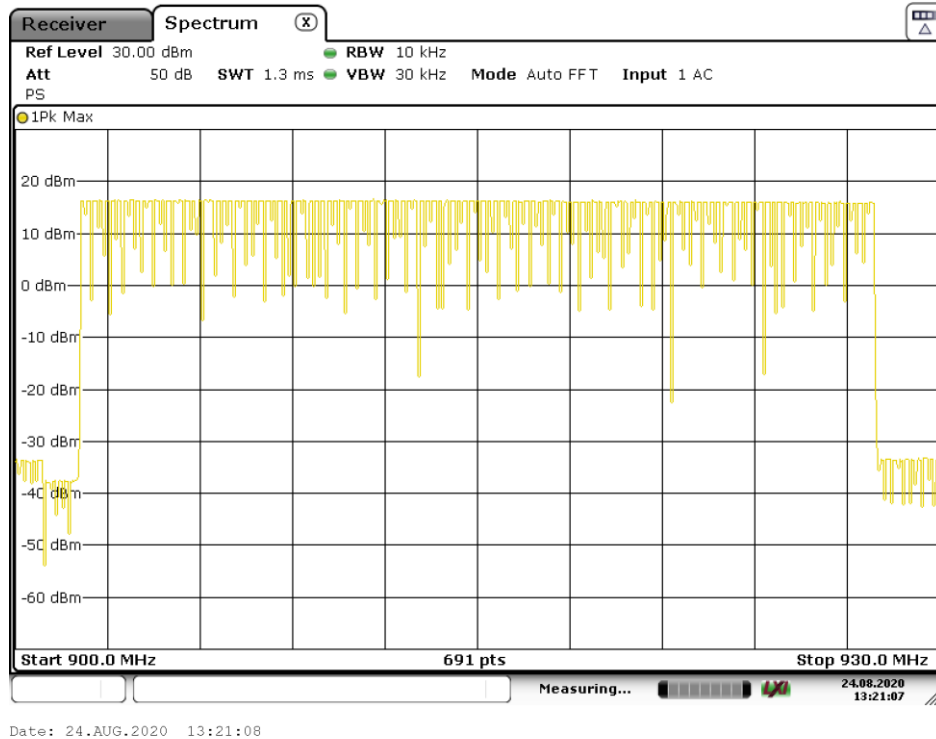
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Figure 7: The number of hopping channels

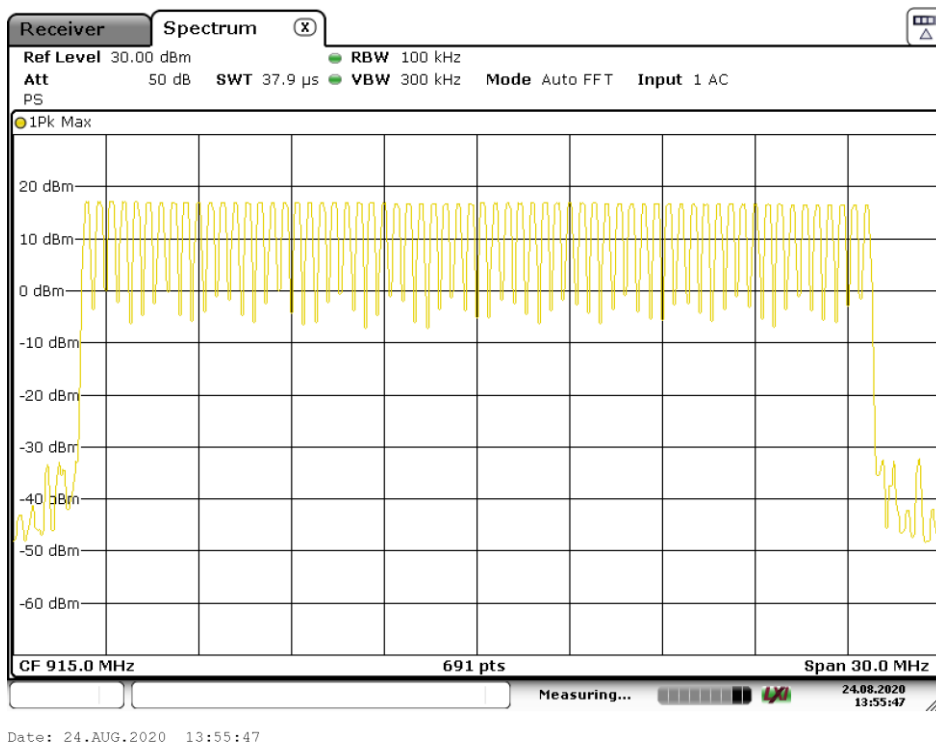
1. LoRa 125kHz FHSS, 902.2MHz~927.8MHz

Channel Number: 129



2. FSK 150Kbps FHSS, 902.4MHz~927.6MHz

Channel Number: 64

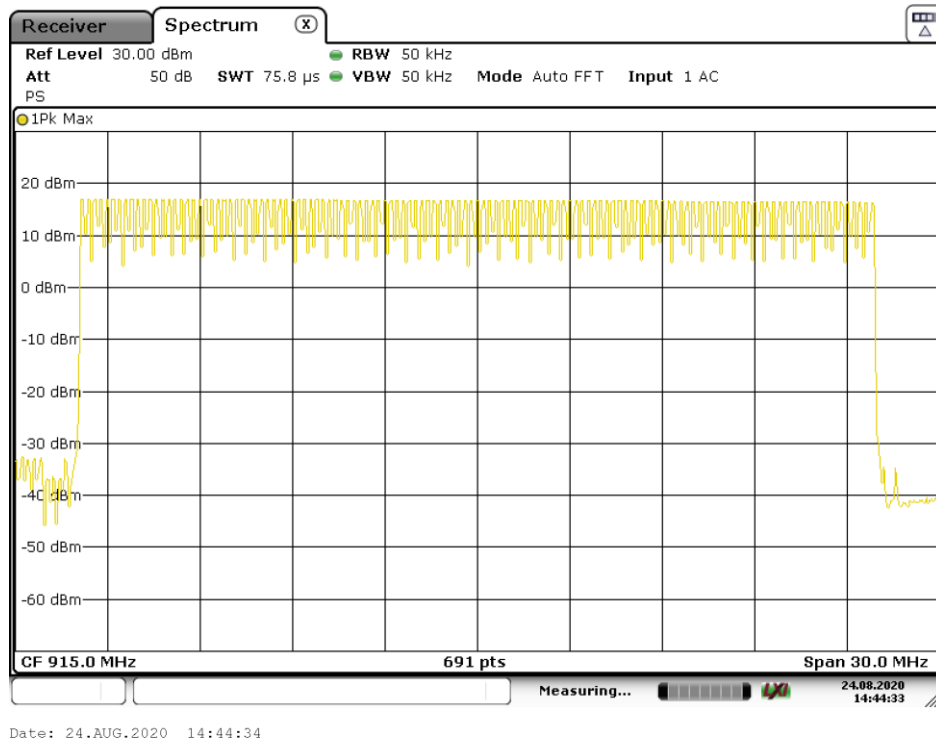


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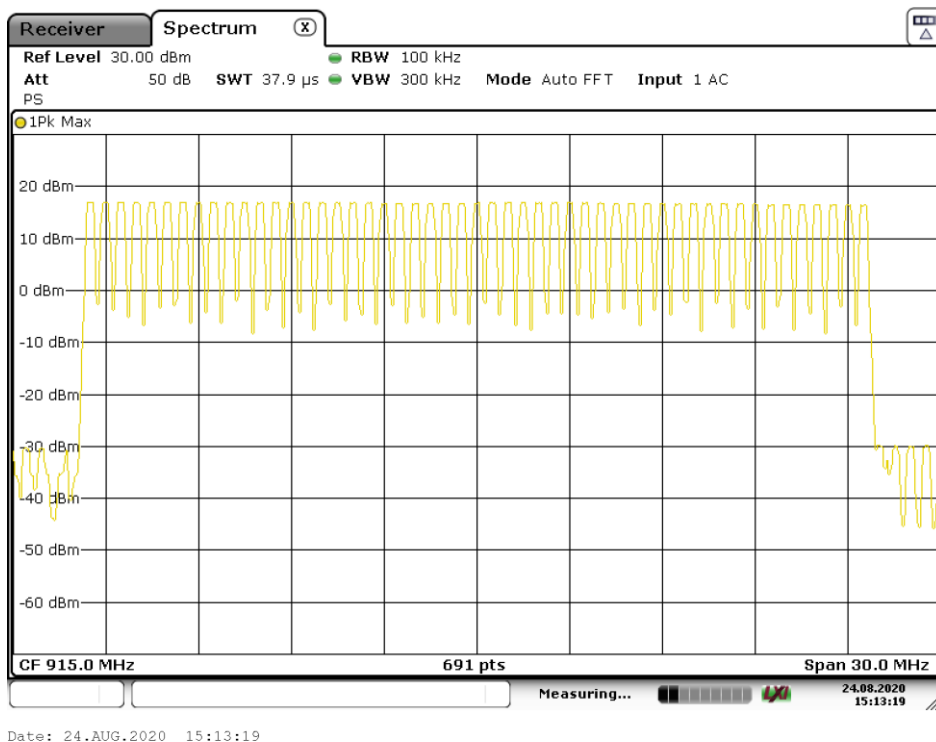
3. FSK 50Kbps FHSS, 902.2MHz~927.8MHz

Channel Number: 129



4. FSK 250Kbps FHSS, 902.5MHz~927.5MHz

Channel Number: 51



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4.1.10 Channel Occupancy Time

Result:

Pass

Test Specification

Test standard : FCC Part 15.247(a)(1)(i)
RSS-247 Issue 2 February 2017 Clause 5.1(c)

Basic standard : ANSI C63.10: 2013, clause 7.8.4

Limits : Not more than 0.4s

Kind of test site : Shielded Room

Test Setup

Date of testing : 2020.08.24

Input voltage : DC 6V

Operational mode : Mode B

Temperature : 22°C

Relative humidity : 55%

Atmospheric pressure : 101 kPa

Table 8: Test result of Channel Occupancy Time for LoRa FHSS and FSK FHSS

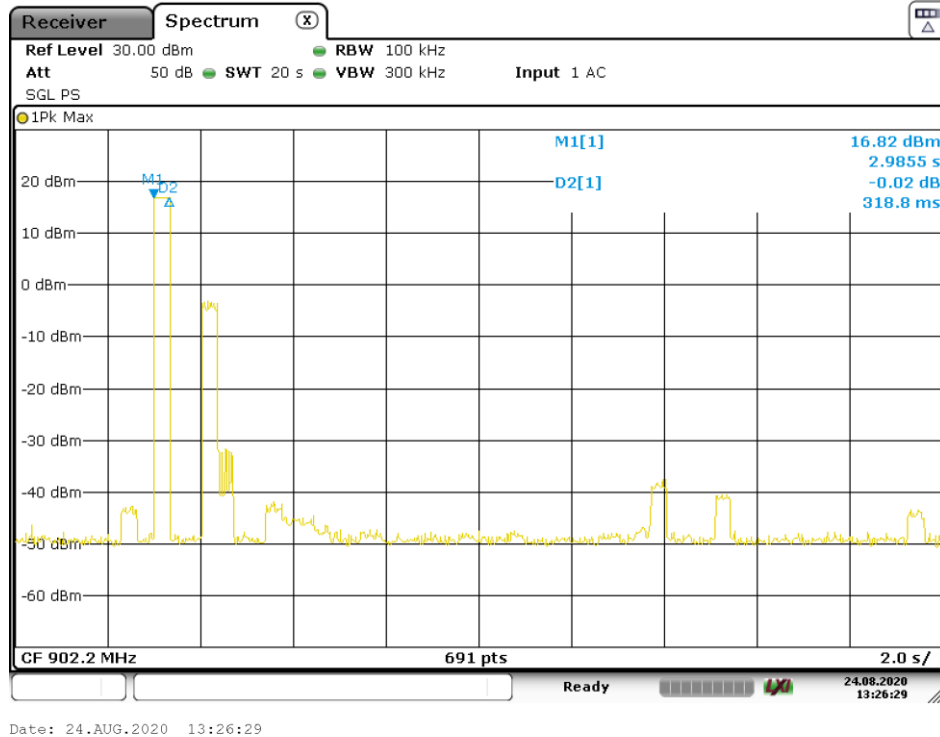
Modulation Type and Operation band	20dB Bandwidth(kHz)	Period (s)	Channel Occupancy Time (ms)	Limit (s)	Result
LoRa 125kHz FHSS 902.2MHz~927.8MHz	20dB Bandwidth < 250	20	318.8	0.4	Pass
FSK 150kbps FHSS 902.4MHz~927.6MHz	20dB Bandwidth < 250	20	318.8	0.4	Pass
FSK 50Kbps FHSS 902.2MHz~927.8MHz	20dB Bandwidth < 250	20	260.9	0.4	Pass
FSK 250Kbps FHSS 902.5MHz~927.5MHz	$250 \leq 20\text{dB Bandwidth} < 500$	10	304.3	0.4	Pass

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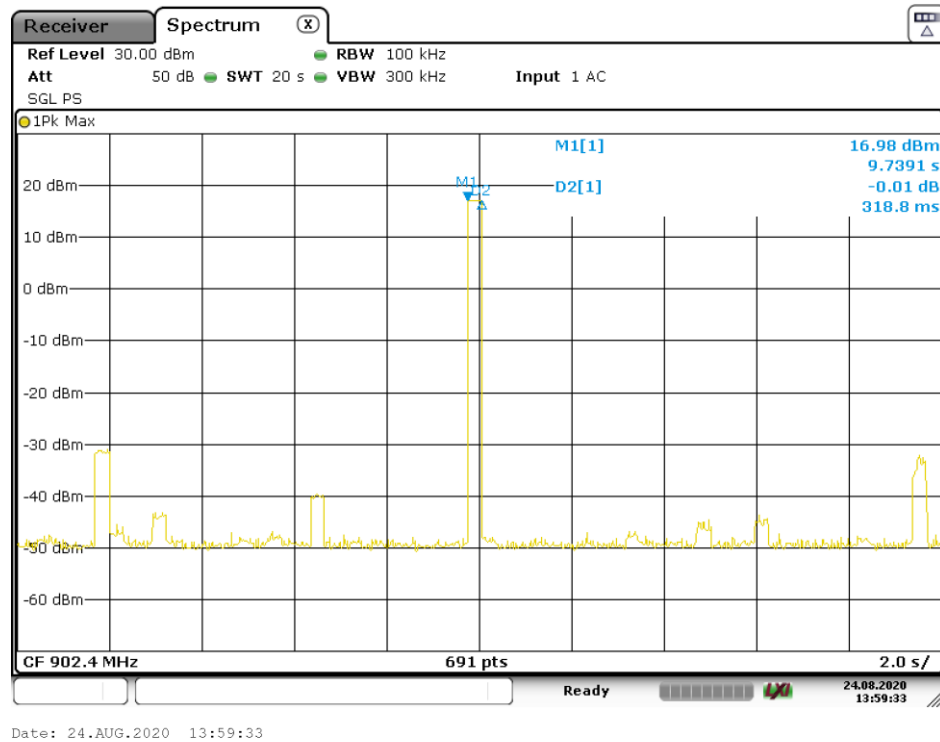
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Figure 8: Channel Occupancy Time

1. LoRa 125kHz FHSS, 902.2MHz~927.8MHz



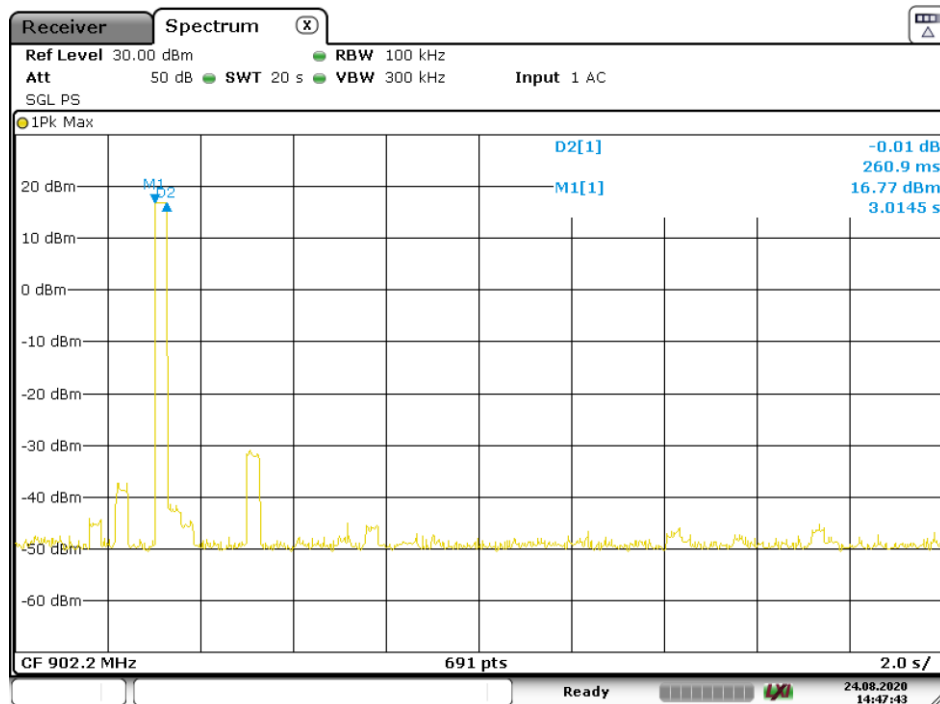
2. FSK 150Kbps FHSS, 902.4MHz~927.6MHz



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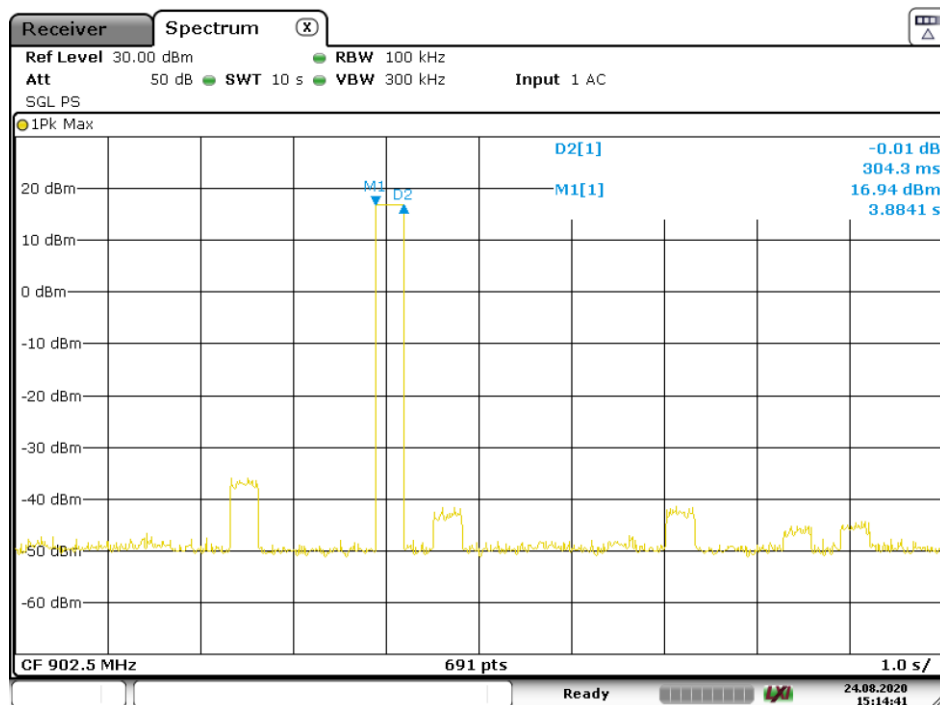
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3. FSK 50Kbps FHSS, 902.2MHz~927.8MHz



Date: 24.AUG.2020 14:47:44

4. FSK 250Kbps FHSS, 902.5MHz~927.5MHz



Date: 24.AUG.2020 15:14:42

4.1.11 Conducted Emission (AC power-line)

Result:

N.A

Test Specification

Test standard

: FCC Part 15.207
RSS-Gen Issue 5 March 2019
FCC part 15, Subpart B:2019
ICES-005:2018

Basic standard

: ANSI C63.10: 2013, clause 6.2
ANSI C63.4:2014, clause 7

Port

: Mains

Frequency range

: 0.15 – 30MHz

Limits

: FCC part 15.107(a)
FCC part 15.207(a)
RSS Gen Issue 5 March 2019, table 4
ICES-005:2018, table 2

Kind of test site

: 3m Semi-anechoic Chamber

The EUT is supplied by battery and it cannot be connected to the public low-voltage distribution systems directly. Charging for battery is performed independently and without using EUT. Therefore, no disturbance voltage test is performed.

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4.1.12 Radiated Emission

Result:

Pass

Test Specification

Test standard	:	FCC Part 15.209 RSS-Gen Issue 5 March 2019 FCC Part 15, Subpart B:2019 ICES-005:2018
Basic standard	:	ANSI C63.10: 2013, clause 6.3 ANSI C63.4:2014, clause 8 KDB 558074 D01 v05r02, clause 8.6
Port	:	Enclosure
Frequency range	:	30MHz-10 th Harmonic for intentional radiator 30MHz-1GHz for unintentional radiator
Limits	:	FCC part 15.109(a) FCC part 15.209(a) RSS Gen Issue 5 March 2019, table 3, table 5 ICES-005:2018, table 4
Kind of test site	:	3m Semi-anechoic Chamber

Test Setup

Date of testing	:	2020.08.10-2020.08.12
Input voltage	:	DC 6V
Operational mode	:	Mode C, Mode D
Test channel	:	Lo, Mi, Hi
Temperature	:	20°C
Relative humidity	:	57%
Atmospheric pressure	:	102.1 kPa

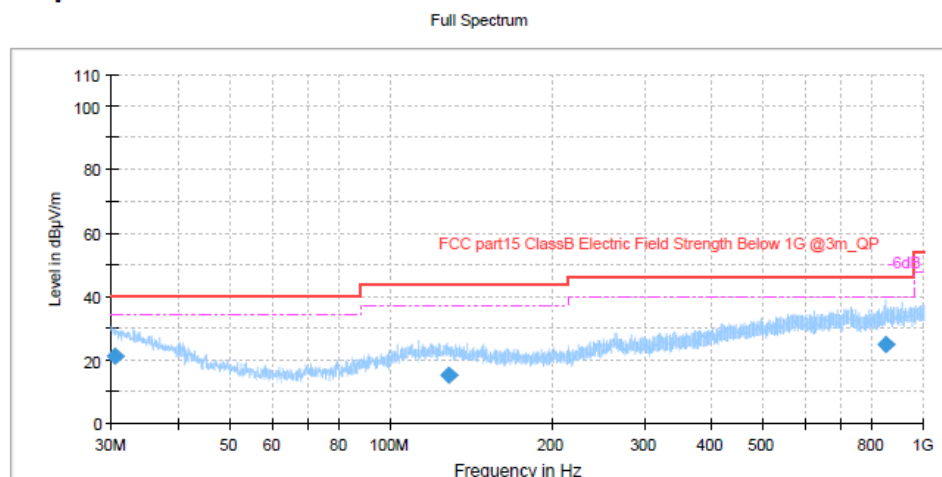
Remark:

Testing was carried out within frequency range 9kHz to the tenth harmonics. Only the worst case emissions configuration of the each mode were reported.

The measurement result is calculated based on the following formula by the test software:

Emission Level = Reading level + Correction (Antenna factor + Cable loss – Preamplifier)

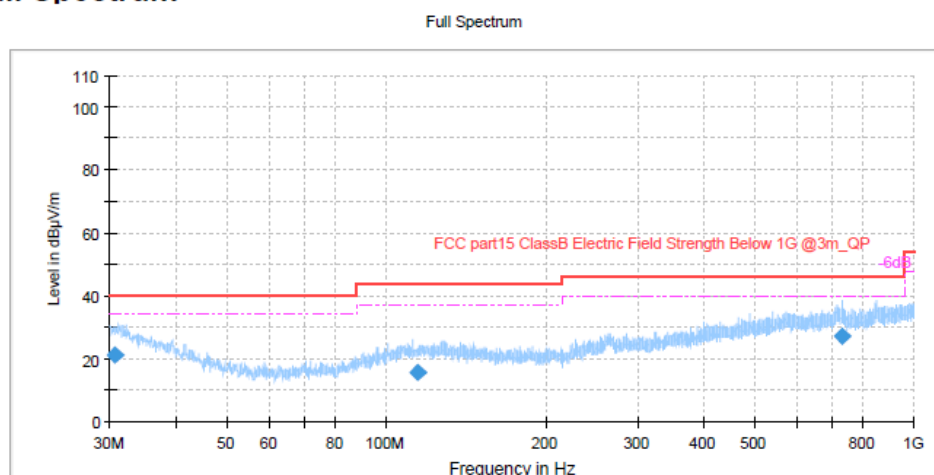
Figure 9: Spectral Diagrams, Radiated Emission, 30MHz-1000MHz, Horizontal, for Mode D Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
30.491111	21.13	40.00	18.87	1000.0	120.000	111.0	H	262.0	25.1
128.311667	15.33	43.50	28.17	1000.0	120.000	104.0	H	11.0	19.0
846.556667	24.92	46.00	21.08	1000.0	120.000	117.0	H	182.0	29.5

Figure 10: Spectral Diagrams, Radiated Emission, 30MHz-1000MHz, Vertical, for Mode D Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
30.574444	21.12	40.00	18.88	1000.0	120.000	146.0	V	218.0	25.0
114.992222	15.53	43.50	27.97	1000.0	120.000	144.0	V	15.0	19.4
728.943333	27.06	46.00	18.94	1000.0	120.000	136.0	V	222.0	28.1

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Table 9: BLE, Mode C, Radiated Emission, below 1GHz, Horizontal, Channel 0

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.278889	20.97	40.00	19.03	1000.0	120.000	H	25.2
127.628333	14.98	43.50	28.52	1000.0	120.000	H	19.1
853.414444	24.40	46.00	21.60	1000.0	120.000	H	29.4

Table 10: BLE, Mode C, Radiated Emission, below 1GHz, Vertical, Channel 0

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.305000	21.11	40.00	18.89	1000.0	120.000	V	25.2
127.788333	15.05	43.50	28.45	1000.0	120.000	V	19.1
729.482222	26.81	46.00	19.19	1000.0	120.000	V	28.1

Table 11: BLE, Mode C, Radiated Emission, below 1GHz, Horizontal, Channel 19

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
31.216111	20.47	40.00	19.53	1000.0	120.000	H	24.7
122.830556	15.24	43.50	28.26	1000.0	120.000	H	19.3
845.805556	24.56	46.00	21.44	1000.0	120.000	H	29.5

Table 12: BLE, Mode C, Radiated Emission, below 1GHz, Vertical, Channel 19

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.461667	20.98	40.00	19.02	1000.0	120.000	V	25.1
122.455000	15.20	43.50	28.30	1000.0	120.000	V	19.3
845.129444	24.60	46.00	21.40	1000.0	120.000	V	29.5

Table 13: BLE, Mode C, Radiated Emission, below 1GHz, Horizontal, Channel 39

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.802222	20.73	40.00	19.27	1000.0	120.000	H	24.9
128.353333	15.05	43.50	28.45	1000.0	120.000	H	19.0
729.052778	26.65	46.00	19.35	1000.0	120.000	H	28.1

Table 14: BLE, Mode C, Radiated Emission, below 1GHz, Vertical, Channel 39

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.200000	21.11	40.00	18.89	1000.0	120.000	V	25.2
127.543333	15.09	43.50	28.41	1000.0	120.000	V	19.1
845.802222	24.55	46.00	21.45	1000.0	120.000	V	29.5

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Table 15: LoRa 500KHz DTS, 902.5~926.5 MHz, Mode C, Radiated Emission, Horizontal, CH 902.5

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.160000	21.16	40.00	18.84	1000.0	120.000	H	25.2
120.233333	15.35	43.50	28.15	1000.0	120.000	H	19.4
728.713889	27.06	46.00	18.94	1000.0	120.000	H	28.1

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1804.310000	53.4	1000.0	1000.000	H	-8.9	20.6	74.0
5416.280000	52.9	1000.0	1000.000	H	4.1	21.1	74.0
8093.780000	48.0	1000.0	1000.000	H	8.2	26.1	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1804.310000	52.6	1000.0	1000.000	H	-8.9	1.4	54.0
5416.280000	50.3	1000.0	1000.000	H	4.1	3.7	54.0
8093.780000	37.1	1000.0	1000.000	H	8.2	16.9	54.0

Table 16: LoRa 500KHz DTS, 902.5~926.5 MHz, Mode C, Radiated Emission, Vertical, CH 902.5

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
31.476667	20.38	40.00	19.62	1000.0	120.000	V	24.6
124.782778	15.24	43.50	28.26	1000.0	120.000	V	19.2
709.073889	23.98	46.00	22.02	1000.0	120.000	V	27.8

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1804.845000	53.1	1000.0	1000.000	V	-9.0	20.9	74.0
5413.625000	54.4	1000.0	1000.000	V	4.1	19.6	74.0
8111.845000	48.4	1000.0	1000.000	V	8.2	25.6	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1804.845000	52.5	1000.0	1000.000	V	-9.0	1.5	54.0
5413.625000	52.0	1000.0	1000.000	V	4.1	2.0	54.0
8111.845000	37.0	1000.0	1000.000	V	8.2	17.0	54.0

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Table 17: LoRa 500KHz DTS, 902.5~926.5 MHz, Mode C, Radiated Emission, Horizontal, CH 914.5

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.461667	21.08	40.00	18.92	1000.0	120.000	H	25.1
125.658889	15.22	43.50	28.28	1000.0	120.000	H	19.2
844.769444	24.69	46.00	21.31	1000.0	120.000	H	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1829.280000	52.9	1000.0	1000.000	H	-8.7	21.1	74.0
5487.470000	50.7	1000.0	1000.000	H	4.1	23.3	74.0
8087.405000	47.6	1000.0	1000.000	H	8.1	26.4	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1829.280000	52.1	1000.0	1000.000	H	-8.7	1.9	54.0
5487.470000	46.1	1000.0	1000.000	H	4.1	7.9	54.0
8087.405000	36.8	1000.0	1000.000	H	8.1	17.2	54.0

Table 18: LoRa 500KHz DTS, 902.5~926.5 MHz, Mode C, Radiated Emission, Vertical, CH 914.5

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
31.270000	20.56	40.00	19.44	1000.0	120.000	V	24.7
129.700556	15.03	43.50	28.47	1000.0	120.000	V	18.9
845.612778	24.63	46.00	21.37	1000.0	120.000	V	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1828.750000	51.0	1000.0	1000.000	V	-8.8	23.0	74.0
5486.935000	50.6	1000.0	1000.000	V	4.1	23.4	74.0
8016.750000	47.7	1000.0	1000.000	V	7.9	26.3	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1828.750000	50.1	1000.0	1000.000	V	-8.8	23.9	74.0
5486.935000	47.2	1000.0	1000.000	V	4.1	26.8	74.0
8016.750000	36.8	1000.0	1000.000	V	7.9	37.2	74.0

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Table 19: LoRa 500KHz DTS, 902.5~926.5 MHz, Mode C, Radiated Emission, Horizontal, CH 926.5

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
31.581111	22.55	40.00	17.45	1000.0	120.000	H	24.5
729.158889	26.94	46.00	19.06	1000.0	120.000	H	28.1
851.137222	24.60	46.00	21.40	1000.0	120.000	H	29.4

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1852.125000	50.6	1000.0	1000.000	H	-8.7	23.4	74.0
4335.720000	45.2	1000.0	1000.000	H	3.4	28.9	74.0
8058.185000	47.7	1000.0	1000.000	H	8.0	26.3	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1852.125000	49.2	1000.0	1000.000	H	-8.7	4.8	54.0
4335.720000	34.5	1000.0	1000.000	H	3.4	19.5	54.0
8058.185000	36.7	1000.0	1000.000	H	8.0	17.3	54.0

Table 20: LoRa 500KHz DTS, 902.5~926.5 MHz, Mode C, Radiated Emission, Vertical, CH 926.5

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.614444	21.08	40.00	18.92	1000.0	120.000	V	25.0
125.780556	15.29	43.50	28.21	1000.0	120.000	V	19.2
845.009444	24.84	46.00	21.16	1000.0	120.000	V	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1852.655000	49.1	1000.0	1000.000	V	-8.7	24.9	74.0
5890.685000	45.5	1000.0	1000.000	V	4.1	28.5	74.0
9262.530000	50.0	1000.0	1000.000	V	9.9	24.0	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1852.655000	47.8	1000.0	1000.000	V	-8.7	26.2	74.0
5890.685000	34.1	1000.0	1000.000	V	4.1	39.9	74.0
9262.530000	38.9	1000.0	1000.000	V	9.9	35.1	74.0

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Table 21: LoRa 125KHz FHSS, 902.2~927.8MHz, Mode C, Radiated Emission, Horizontal, CH 902.2

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
33.345556	21.51	40.00	18.49	1000.0	120.000	H	23.5
709.301667	24.27	46.00	21.73	1000.0	120.000	H	27.8
846.278333	24.74	46.00	21.26	1000.0	120.000	H	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1804.310000	53.3	1000.0	1000.000	H	-8.9	20.7	74.0
5413.625000	53.4	1000.0	1000.000	H	4.1	20.6	74.0
7972.125000	48.0	1000.0	1000.000	H	7.9	26.0	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1804.310000	52.7	1000.0	1000.000	H	-8.9	1.3	54.0
5413.625000	51.0	1000.0	1000.000	H	4.1	3.0	54.0
7972.125000	37.3	1000.0	1000.000	H	7.9	16.7	54.0

Table 22: LoRa 125KHz FHSS, 902.2~927.8MHz, Mode C, Radiated Emission, Vertical, CH 902.2

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.746667	20.95	40.00	19.05	1000.0	120.000	V	24.9
113.264444	15.43	43.50	28.07	1000.0	120.000	V	19.3
714.070000	24.28	46.00	21.72	1000.0	120.000	V	27.8

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1804.310000	53.1	1000.0	1000.000	V	-8.9	20.9	74.0
5413.625000	54.1	1000.0	1000.000	V	4.1	19.9	74.0
8057.125000	47.1	1000.0	1000.000	V	8.0	26.9	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1804.310000	52.4	1000.0	1000.000	V	-8.9	1.6	54.0
5413.625000	51.7	1000.0	1000.000	V	4.1	2.3	54.0
8057.125000	37.1	1000.0	1000.000	V	8.0	16.9	54.0

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Table 23: LoRa 125KHz FHSS, 902.2~927.8MHz, Mode C, Radiated Emission, Horizontal, CH 915

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.654444	21.09	40.00	18.91	1000.0	120.000	H	25.0
122.196111	15.48	43.50	28.02	1000.0	120.000	H	19.3
846.339444	24.76	46.00	21.24	1000.0	120.000	H	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1829.810000	52.2	1000.0	1000.000	H	-8.7	21.8	74.0
5490.125000	50.4	1000.0	1000.000	H	4.1	23.6	74.0
9222.685000	50.2	1000.0	1000.000	H	9.7	23.8	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1829.810000	51.2	1000.0	1000.000	H	-8.7	2.8	54.0
5490.125000	45.9	1000.0	1000.000	H	4.1	8.1	54.0
9222.685000	38.7	1000.0	1000.000	H	9.7	15.3	54.0

Table 24: LoRa 125KHz FHSS, 902.2~927.8MHz, Mode C, Radiated Emission, Vertical, CH 915

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.896111	20.94	40.00	19.06	1000.0	120.000	V	24.9
127.400556	15.36	43.50	28.14	1000.0	120.000	V	19.1
845.710000	24.80	46.00	21.20	1000.0	120.000	V	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1830.345000	50.9	1000.0	1000.000	V	-8.7	23.1	74.0
5490.125000	49.1	1000.0	1000.000	V	4.1	24.9	74.0
9335.310000	50.1	1000.0	1000.000	V	9.9	23.9	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1830.345000	49.8	1000.0	1000.000	V	-8.7	4.2	54.0
5490.125000	44.1	1000.0	1000.000	V	4.1	9.9	54.0
9335.310000	38.8	1000.0	1000.000	V	9.9	15.2	54.0

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Table 25: LoRa 125KHz FHSS, 902.2~927.8MHz, Mode C, Radiated Emission, Horizontal, CH 927.8

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.303333	21.24	40.00	18.76	1000.0	120.000	H	25.2
127.331111	15.30	43.50	28.20	1000.0	120.000	H	19.1
845.680556	24.83	46.00	21.17	1000.0	120.000	H	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1855.310000	53.1	1000.0	1000.000	H	-8.7	20.9	74.0
8080.500000	47.9	1000.0	1000.000	H	8.1	26.1	74.0
9256.685000	49.5	1000.0	1000.000	H	9.8	24.5	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1855.310000	52.2	1000.0	1000.000	H	-8.7	1.8	54.0
8080.500000	37.2	1000.0	1000.000	H	8.1	16.8	54.0
9256.685000	39.0	1000.0	1000.000	H	9.8	15.0	54.0

Table 26: LoRa 125KHz FHSS, 902.2~927.8MHz, Mode C, Radiated Emission, Vertical, CH 927.8

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.950000	20.87	40.00	19.13	1000.0	120.000	V	24.8
126.712222	15.30	43.50	28.20	1000.0	120.000	V	19.1
844.727778	24.82	46.00	21.18	1000.0	120.000	V	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1855.310000	53.2	1000.0	1000.000	V	-8.7	20.8	74.0
8108.125000	47.4	1000.0	1000.000	V	8.2	26.6	74.0
9332.655000	49.5	1000.0	1000.000	V	9.9	24.5	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1855.310000	52.5	1000.0	1000.000	V	-8.7	1.5	54.0
8108.125000	37.3	1000.0	1000.000	V	8.2	16.7	54.0
9332.655000	38.9	1000.0	1000.000	V	9.9	15.1	54.0

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Table 27: FSK 150Kbps FHSS, 902.4~927.6MHz, Mode C, Radiated Emission, Horizontal, CH 902.4

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.977778	20.86	40.00	19.14	1000.0	120.000	H	24.8
119.649444	15.50	43.50	28.00	1000.0	120.000	H	19.4
844.875556	24.97	46.00	21.03	1000.0	120.000	H	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1804.845000	49.2	1000.0	1000.000	H	-9.0	24.8	74.0
5414.685000	53.0	1000.0	1000.000	H	4.1	21.0	74.0
9024.000000	50.1	1000.0	1000.000	H	9.3	23.9	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1804.845000	47.7	1000.0	1000.000	H	-9.0	6.3	54.0
5414.685000	49.9	1000.0	1000.000	H	4.1	4.1	54.0
9024.000000	42.8	1000.0	1000.000	H	9.3	11.3	54.0

Table 28: FSK 150Kbps FHSS, 902.4~927.6MHz, Mode C, Radiated Emission, Vertical, CH 902.4

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.160000	21.40	40.00	18.60	1000.0	120.000	V	25.2
114.048333	15.41	43.50	28.09	1000.0	120.000	V	19.3
852.335000	24.75	46.00	21.25	1000.0	120.000	V	29.4

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1804.845000	49.0	1000.0	1000.000	V	-9.0	25.0	74.0
5414.155000	54.0	1000.0	1000.000	V	4.1	20.0	74.0
9104.220000	48.7	1000.0	1000.000	V	9.3	25.3	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1804.845000	47.0	1000.0	1000.000	V	-9.0	7.0	54.0
5414.155000	51.5	1000.0	1000.000	V	4.1	2.5	54.0
9104.220000	37.9	1000.0	1000.000	V	9.3	16.1	54.0

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Table 29: FSK 150Kbps FHSS, 902.4~927.6MHz, Mode C, Radiated Emission, Horizontal, CH 914.8

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
31.283889	20.63	40.00	19.37	1000.0	120.000	H	24.7
126.236111	15.33	43.50	28.17	1000.0	120.000	H	19.1
731.477778	25.51	46.00	20.49	1000.0	120.000	H	28.2

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1829.810000	53.8	1000.0	1000.000	H	-8.7	20.2	74.0
5488.530000	50.5	1000.0	1000.000	H	4.1	23.5	74.0
9834.685000	49.8	1000.0	1000.000	H	10.5	24.2	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1829.810000	53.0	1000.0	1000.000	H	-8.7	1.0	54.0
5488.530000	46.2	1000.0	1000.000	H	4.1	7.8	54.0
9834.685000	39.0	1000.0	1000.000	H	10.5	15.0	54.0

Table 30: FSK 150Kbps FHSS, 902.4~927.6MHz, Mode C, Radiated Emission, Vertical, CH 914.8

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.451111	21.21	40.00	18.79	1000.0	120.000	V	25.1
128.730556	15.28	43.50	28.22	1000.0	120.000	V	19.0
846.182778	24.72	46.00	21.28	1000.0	120.000	V	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1829.280000	52.7	1000.0	1000.000	V	-8.7	21.3	74.0
5489.060000	51.8	1000.0	1000.000	V	4.1	22.2	74.0
9277.935000	50.0	1000.0	1000.000	V	9.9	24.0	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1829.280000	51.6	1000.0	1000.000	V	-8.7	2.4	54.0
5489.060000	48.5	1000.0	1000.000	V	4.1	5.5	54.0
9277.935000	39.0	1000.0	1000.000	V	9.9	15.0	54.0

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Table 31: FSK 150Kbps FHSS, 902.4~927.6MHz, Mode C, Radiated Emission, Horizontal, CH 927.6

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.240000	21.35	40.00	18.65	1000.0	120.000	H	25.2
121.549444	15.43	43.50	28.07	1000.0	120.000	H	19.3
848.390556	24.74	46.00	21.26	1000.0	120.000	H	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1855.310000	51.1	1000.0	1000.000	H	-8.7	22.9	74.0
8006.655000	47.8	1000.0	1000.000	H	7.9	26.2	74.0
9251.375000	50.1	1000.0	1000.000	H	9.8	23.9	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1855.310000	49.8	1000.0	1000.000	H	-8.7	4.3	54.0
8006.655000	37.3	1000.0	1000.000	H	7.9	16.7	54.0
9251.375000	39.1	1000.0	1000.000	H	9.8	14.9	54.0

Table 32: FSK 150Kbps FHSS, 902.4~927.6MHz, Mode C, Radiated Emission, Vertical, CH 927.6

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.478889	21.14	40.00	18.86	1000.0	120.000	V	25.1
130.390556	15.14	43.50	28.36	1000.0	120.000	V	18.9
845.047778	24.79	46.00	21.21	1000.0	120.000	V	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1855.310000	49.0	1000.0	1000.000	V	-8.7	25.1	74.0
8058.720000	48.6	1000.0	1000.000	V	8.0	25.4	74.0
9717.280000	49.3	1000.0	1000.000	V	10.2	24.7	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1855.310000	47.1	1000.0	1000.000	V	-8.7	6.9	54.0
8058.720000	37.4	1000.0	1000.000	V	8.0	16.6	54.0
9717.280000	38.9	1000.0	1000.000	V	10.2	15.1	54.0

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Table 33: FSK 50Kbps FHSS, 902.2~927.8MHz, Mode C, Radiated Emission, Horizontal, CH 902.2

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
31.153333	20.50	40.00	19.50	1000.0	120.000	H	24.7
123.585000	15.24	43.50	28.26	1000.0	120.000	H	19.3
847.728333	24.52	46.00	21.48	1000.0	120.000	H	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1804.310000	47.9	1000.0	1000.000	H	-8.9	26.1	74.0
5413.095000	53.6	1000.0	1000.000	H	4.1	20.4	74.0
9276.345000	50.7	1000.0	1000.000	H	9.9	23.3	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1804.310000	46.0	1000.0	1000.000	H	-8.9	8.0	54.0
5413.095000	50.6	1000.0	1000.000	H	4.1	3.4	54.0
9276.345000	39.0	1000.0	1000.000	H	9.9	15.1	54.0

Table 34: FSK 50Kbps FHSS, 902.2~927.8MHz, Mode C, Radiated Emission, Vertical, CH 902.2

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
31.208889	20.50	40.00	19.50	1000.0	120.000	V	24.7
128.450556	15.10	43.50	28.40	1000.0	120.000	V	19.0
729.172778	26.96	46.00	19.04	1000.0	120.000	V	28.1

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1804.310000	49.6	1000.0	1000.000	V	-8.9	24.5	74.0
5413.095000	54.2	1000.0	1000.000	V	4.1	19.9	74.0
9273.685000	49.7	1000.0	1000.000	V	9.9	24.3	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1804.310000	44.6	1000.0	1000.000	V	-8.9	9.4	54.0
5413.095000	51.6	1000.0	1000.000	V	4.1	2.4	54.0
9273.685000	39.1	1000.0	1000.000	V	9.9	14.9	54.0

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Table 35: FSK 50Kbps FHSS, 902.2~927.8MHz, Mode C, Radiated Emission, Horizontal, CH 915

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.870000	21.02	40.00	18.98	1000.0	120.000	H	24.9
117.373889	15.52	43.50	27.98	1000.0	120.000	H	19.4
844.553889	24.85	46.00	21.15	1000.0	120.000	H	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1829.810000	50.0	1000.0	1000.000	H	-8.7	24.0	74.0
5490.125000	50.6	1000.0	1000.000	H	4.1	23.4	74.0
9261.470000	49.3	1000.0	1000.000	H	9.9	24.7	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1829.810000	48.7	1000.0	1000.000	H	-8.7	5.3	54.0
5490.125000	46.2	1000.0	1000.000	H	4.1	7.8	54.0
9261.470000	39.1	1000.0	1000.000	H	9.9	14.9	54.0

Table 36: FSK 50Kbps FHSS, 902.2~927.8MHz, Mode C, Radiated Emission, Vertical, CH 915

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.569444	21.11	40.00	18.89	1000.0	120.000	V	25.0
123.790000	15.48	43.50	28.02	1000.0	120.000	V	19.3
846.977222	24.83	46.00	21.17	1000.0	120.000	V	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1829.810000	49.7	1000.0	1000.000	V	-8.7	24.3	74.0
5490.655000	49.2	1000.0	1000.000	V	4.1	24.8	74.0
9281.125000	50.2	1000.0	1000.000	V	9.9	23.8	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1829.810000	48.5	1000.0	1000.000	V	-8.7	5.5	54.0
5490.655000	43.6	1000.0	1000.000	V	4.1	10.4	54.0
9281.125000	39.0	1000.0	1000.000	V	9.9	15.0	54.0

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Table 37: FSK 50Kbps FHSS, 902.2~927.8MHz, Mode C, Radiated Emission, Horizontal, CH 927.8

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
31.773889	22.57	40.00	17.43	1000.0	120.000	H	24.4
131.011111	15.16	43.50	28.34	1000.0	120.000	H	18.9
845.494444	24.83	46.00	21.17	1000.0	120.000	H	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1855.310000	49.1	1000.0	1000.000	H	-8.7	24.9	74.0
8008.250000	47.9	1000.0	1000.000	H	7.9	26.2	74.0
9259.875000	49.3	1000.0	1000.000	H	9.9	24.8	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1855.310000	47.5	1000.0	1000.000	H	-8.7	6.5	54.0
8008.250000	37.3	1000.0	1000.000	H	7.9	16.7	54.0
9259.875000	38.9	1000.0	1000.000	H	9.9	15.1	54.0

Table 38: FSK 50Kbps FHSS, 902.2~927.8MHz, Mode C, Radiated Emission, Vertical, CH 927.8

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.534444	21.11	40.00	18.89	1000.0	120.000	V	25.0
729.078889	27.04	46.00	18.96	1000.0	120.000	V	28.1
842.123889	24.89	46.00	21.11	1000.0	120.000	V	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1855.310000	49.6	1000.0	1000.000	V	-8.7	24.5	74.0
8038.000000	48.1	1000.0	1000.000	V	8.0	25.9	74.0
9242.345000	50.0	1000.0	1000.000	V	9.8	24.0	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1855.310000	48.1	1000.0	1000.000	V	-8.7	5.9	54.0
8038.000000	37.2	1000.0	1000.000	V	8.0	16.8	54.0
9242.345000	38.9	1000.0	1000.000	V	9.8	15.1	54.0

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Table 39: FSK 250Kbps FHSS, 902.5~927.5MHz, Mode C, Radiated Emission, Horizontal, CH 902.5

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.680556	20.85	40.00	19.15	1000.0	120.000	H	25.0
126.868889	15.13	43.50	28.37	1000.0	120.000	H	19.1
845.087778	24.54	46.00	21.46	1000.0	120.000	H	29.5

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
1804.845000	51.2	1000.0	1000.000	H	-9.0	22.8	74.0
5415.220000	53.2	1000.0	1000.000	H	4.1	20.8	74.0
9307.155000	49.8	1000.0	1000.000	H	9.9	24.3	74.0

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
1804.845000	49.9	1000.0	1000.000	H	-9.0	4.1	54.0
5415.220000	49.7	1000.0	1000.000	H	4.1	4.3	54.0
9307.155000	38.9	1000.0	1000.000	H	9.9	15.1	54.0

Table 40: FSK 250Kbps FHSS, 902.5~927.5MHz, Mode C, Radiated Emission, Vertical, CH 902.5

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
31.230000	20.73	40.00	19.27	1000.0	120.000	V	24.7
130.802778	15.10	43.50	28.40	1000.0	120.000	V	18.9
855.839444	24.65	46.00	21.35	1000.0	120.000	V	29.4

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
1804.845000	47.7	1000.0	1000.000	V	-9.0	26.3	74.0
5415.220000	54.5	1000.0	1000.000	V	4.1	19.6	74.0
9288.030000	49.7	1000.0	1000.000	V	9.9	24.3	74.0

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
1804.845000	45.9	1000.0	1000.000	V	-9.0	8.1	54.0
5415.220000	51.5	1000.0	1000.000	V	4.1	2.5	54.0
9288.030000	38.8	1000.0	1000.000	V	9.9	15.2	54.0

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Table 41: FSK 250Kbps FHSS, 902.5~927.5MHz, Mode C, Radiated Emission, Horizontal, CH 915

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
31.056111	20.75	40.00	19.25	1000.0	120.000	H	24.8
123.371111	15.44	43.50	28.06	1000.0	120.000	H	19.3
844.995556	24.74	46.00	21.26	1000.0	120.000	H	29.5

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1829.810000	51.8	1000.0	1000.000	H	-8.7	22.2	74.0
5489.595000	50.1	1000.0	1000.000	H	4.1	23.9	74.0
9257.220000	49.7	1000.0	1000.000	H	9.8	24.3	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1829.810000	50.7	1000.0	1000.000	H	-8.7	3.3	54.0
5489.595000	45.2	1000.0	1000.000	H	4.1	8.8	54.0
9257.220000	39.0	1000.0	1000.000	H	9.8	15.0	54.0

Table 42: FSK 250Kbps FHSS, 902.5~927.5MHz, Mode C, Radiated Emission, Vertical, CH 915

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.588333	21.04	40.00	18.96	1000.0	120.000	V	25.0
108.363889	14.84	43.50	28.66	1000.0	120.000	V	18.8
711.940556	24.19	46.00	21.81	1000.0	120.000	V	27.8

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1829.810000	49.6	1000.0	1000.000	V	-8.7	24.4	74.0
5490.125000	51.0	1000.0	1000.000	V	4.1	23.0	74.0
9247.125000	50.0	1000.0	1000.000	V	9.8	24.0	74.0

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1829.810000	48.3	1000.0	1000.000	V	-8.7	5.7	54.0
5490.125000	47.0	1000.0	1000.000	V	4.1	7.0	54.0
9247.125000	39.2	1000.0	1000.000	V	9.8	14.8	54.0

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Table 43: FSK 250Kbps FHSS, 902.5~927.5MHz, Mode C, Radiated Emission, Horizontal, CH 927.5

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.411111	21.16	40.00	18.84	1000.0	120.000	H	25.1
127.656111	15.26	43.50	28.24	1000.0	120.000	H	19.1
729.968889	27.15	46.00	18.85	1000.0	120.000	H	28.2

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
1854.780000	53.1	1000.0	1000.000	H	-8.7	20.9	74.0
1854.780000	53.1	1000.0	1000.000	H	-8.7	20.9	74.0
8138.935000	47.7	1000.0	1000.000	H	8.2	26.3	74.0
9298.125000	49.6	1000.0	1000.000	H	9.9	24.4	74.0

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
1854.780000	52.1	1000.0	1000.000	H	-8.7	1.9	54.0
8138.935000	36.9	1000.0	1000.000	H	8.2	17.1	54.0
9298.125000	39.2	1000.0	1000.000	H	9.9	14.8	54.0

Table 44: FSK 250Kbps FHSS, 902.5~927.5MHz, Mode C, Radiated Emission, Vertical, CH 927.5

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)
30.748333	21.00	40.00	19.00	1000.0	120.000	V	24.9
129.257222	15.27	43.50	28.23	1000.0	120.000	V	19.0
845.226667	24.83	46.00	21.17	1000.0	120.000	V	29.5

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
1854.780000	48.1	1000.0	1000.000	V	-8.7	25.9	74.0
6492.060000	48.8	1000.0	1000.000	V	5.6	25.2	74.0
9264.655000	50.1	1000.0	1000.000	V	9.9	23.9	74.0

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
1854.780000	46.4	1000.0	1000.000	V	-8.7	7.6	54.0
6492.060000	42.8	1000.0	1000.000	V	5.6	11.2	54.0
9264.655000	39.1	1000.0	1000.000	V	9.9	14.9	54.0

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